

Supplementary Materials

The following supporting information can be downloaded at:

Table S1. List of primers used for qPCR and dsNotch synthesis.;

Primer	Sequence (5'-3')
Notch-01F	GTGTCGGCAAATGGAGAA
Notch-01R	GACTGGTGTCTCGCAAATCG
EGFP-S2F	TGCCCATCCTGGTCGAGCT
EGFP-S2R	TGCTTGTCGGCCATGATAT
T7-01 F	GGATCCTAATACGACTCACTATAGGGTGTCTGGCAAATGG AGAA
T7-01 R	GGATCCTAATACGACTCACTATAGGGACTGGTGTCTGCAA ATCG
T7-EGFP-S2F	GGATCCTAATACGACTCACTATAGGTGCCCATCCTGGTC GAGCT
T7-EGFP-S2R	GGATCCTAATACGACTCACTATAGGTGCTTGTCGGCCAT GATAT
Notch-Q1F	AAACCTACCAAGTCCCTA
Notch-Q1R	CCATCTAAAGTAAACCCTAA
β -actin-Q1F	CGCTTCTGGTCGTACAACCTG
β -actin-Q1R	TGGTGAATGAGTAGCCACGT

Table S2: Information for specimens used in the phylogenetic analysis.

Order	Species	GenBank ID
Coleoptera	<i>Diabrotica virgifera virgifera</i>	XP_028149569.1
	<i>Anoplophora glabripennis</i>	XP_018574509.1
	<i>Leptinotarsa decemlineata</i>	XP_023013802.1
	<i>Psylliodes chrysocephala</i>	CAH1109257.1
	<i>Tenebrio molitor</i>	CAH1379345.1
	<i>Tribolium castaneum</i>	XP_008200304.1
	<i>Drosophila melanogaster</i>	NP_001245510.1
	<i>Aedes aegypti</i>	EAT37841.1
Diptera	<i>Toxorhynchites rutilus septentrionalis</i>	XP_055615510
	<i>Malaya genurostris</i>	XP_058444774.1
	<i>Bactrocera tryoni</i>	XP_039958472.1
	<i>Schistocerca gregaria</i>	XP_049844801.1
Orthoptera	<i>Locusta migratoria migratoria</i>	AXY96273.1
	<i>Gryllus bimaculatus</i>	GLG99742.1
	<i>Schistocerca cancellata</i>	XP_049784050.1
	<i>Helicoverpa zea</i>	XP_047028405.1
	<i>Spodoptera frugiperda</i>	XP_050553762.1
	<i>Bombyx mori</i>	NP_001157370.1
Lepidoptera	<i>Pararge aegeria</i>	XP_039765579.1
	<i>Arctia plantaginis</i>	CAB3259242.1
	<i>Chilo suppressalis</i>	CAH0691090.1
	<i>Tuta absoluta</i>	KAJ2946674.1
	<i>Athalia rosae</i>	XP_012252830.2
	<i>Colletes gigas</i>	XP_043254354.1
	<i>Polistes dominula</i>	XP_015172000.1
Hymenoptera	<i>Vespa velutina</i>	XP_047357738.1
	<i>Osmia bicornis</i>	XP_029033765.1
	<i>Megachile rotundata</i>	XP_012145055.1
	<i>Cataglyphis hispanica</i>	XP_050453731.1